



Programs
Performance
**Progress
Report**
2007-2015

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Programs Performance
Progress Report
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Introduction

AGRA is an African-led alliance focused on putting smallholder farmers at the center of the continent's growing economy by transforming agriculture from a solitary struggle to survive into farming as a business that thrives. It was established to catalyze the transformation of smallholder agriculture into a highly productive, efficient, sustainable and competitive system, while also protecting the natural resource base on which agriculture depends. As the sector that employs the majority of Africa's people, nearly all of them small-scale farmers, AGRA recognizes that developing smallholder agriculture into a productive, efficient, and sustainable system is essential to ensuring food security, lifting millions out of poverty, and driving equitable growth across the continent.

Over the past 9 years, AGRA and its partners have worked across 18 sub-Saharan countries to deliver a set of solutions that have reached 18.2 million farm families and thousands of local, African agri-businesses. Together, the alliance has developed many of the tools and systems required for an African Green Revolution: locally-adapted seeds and other technologies to enable a step-change in yields, new delivery channels that create access to new technologies among farmers, new and growing private seed and fertilizer companies, dense networks of private agro-dealers, enhanced post-harvest and financial tools that are more accessible to farmers and businesses, stronger farmer organizations and markets, a new generation of African agricultural leaders, and an improved policy environment that enables the agricultural sector to flourish. AGRA has done this through partnerships with international and local institutions, governments, businesses and communities of smallholder farmers which have changed the face of African agriculture, and attracted many more investors into the sector.

AGRA takes an integrated value chain approach in its work. We address a range of interrelated challenges faced by smallholder farmers all along the agricultural value chain – beginning with improving the efficiency and effectiveness of input markets for seed and fertilizers, but also improving

farm-level productivity, post-harvest handling, and access to financial and farm output markets. We also work with specific countries when asked to support the development of better agricultural policies (see Figure 1).

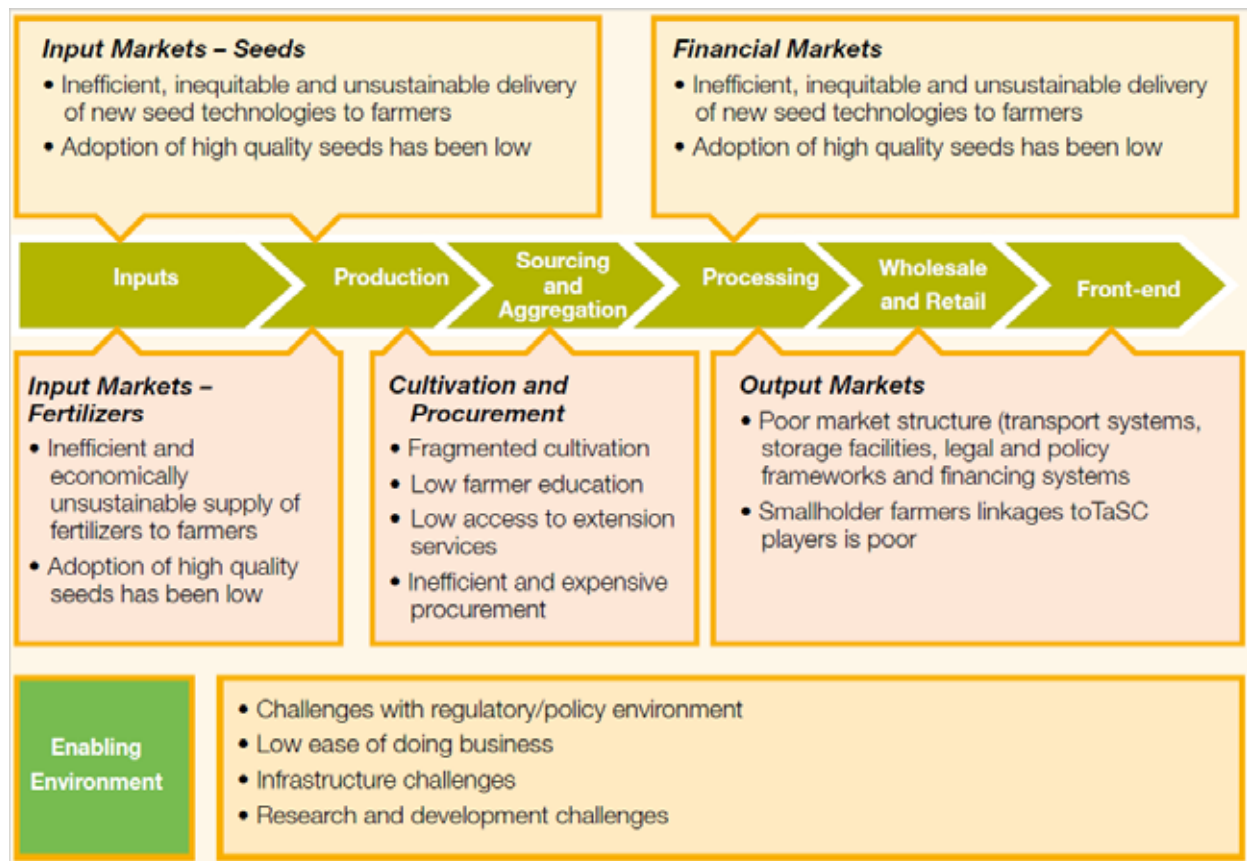


Figure 1. The interrelated challenges affecting the productivity of smallholder farmers along the agricultural value chain and in the policy arena require AGRA, its grantees and its partners to address constraints in coordinated and integrated ways.



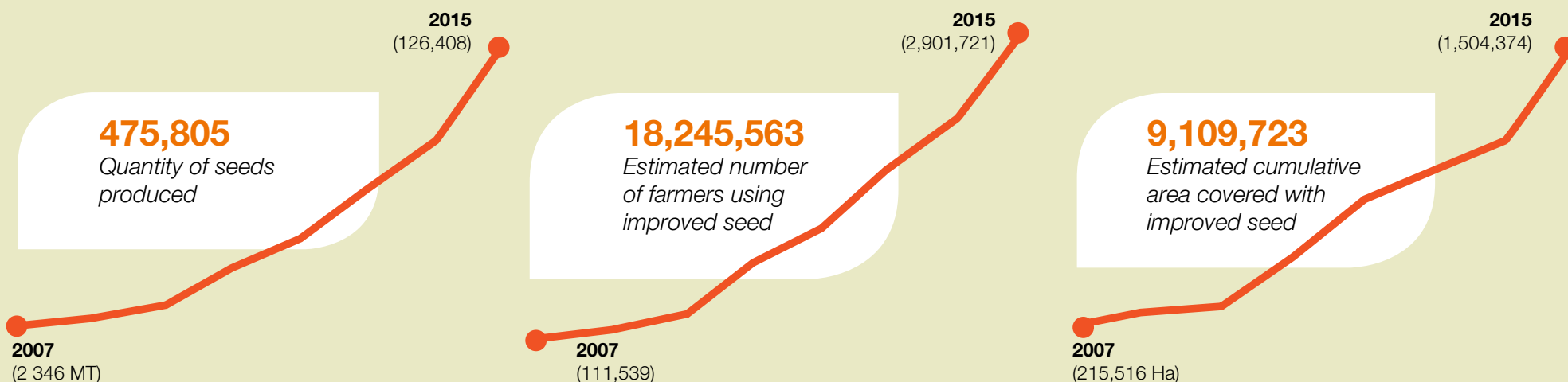
AGRA Achievements

Intermediate Outcomes

1 An estimated **18.2 million** smallholder farmers in **17** African countries are now benefitting from improved seeds produced by AGRA-supported seed companies. Since its inception in 2007, AGRA has made significant investments in various

kinds of support to **101** local private seed companies to produce and sell improved seed varieties. In 2007, fewer than **10** seed companies were operating in all of sub-Saharan Africa (not including South Africa), producing less than **2,400 MT** of certified seed. By the end

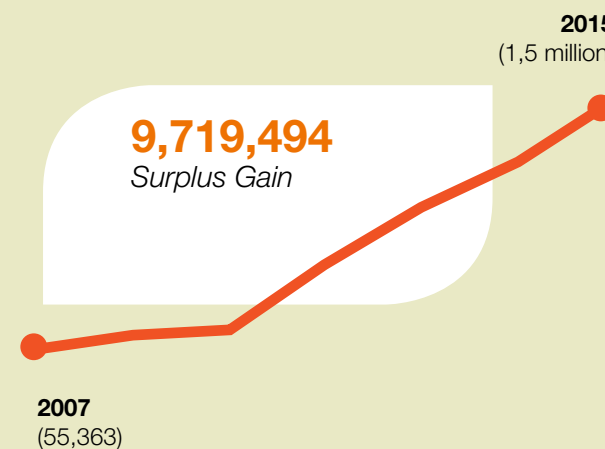
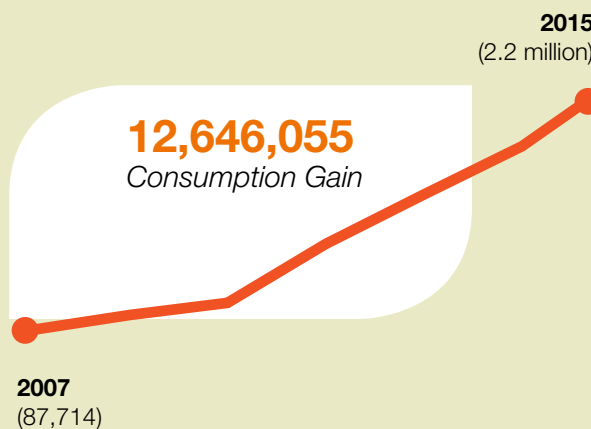
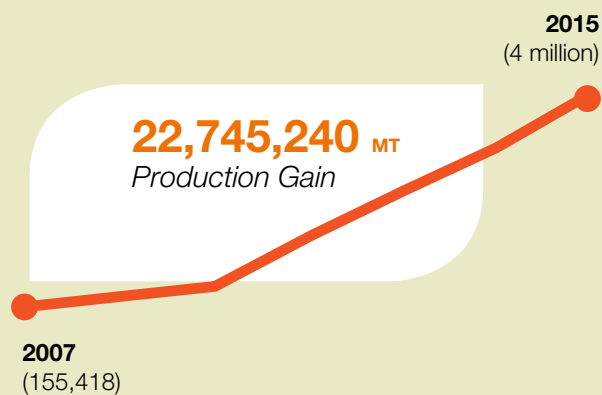
of 2015, total production and sale of certified seed by AGRA-supported seed companies had risen to about **126,408 MT**. Over the eight-year period, 2007-2015, an estimated **475,805 MT** of improved seed have been produced and sold by AGRA-supported companies.



2 On average, the use of improved seed and agronomic practices enabled farmers to more than double their yields, leading to the production of an additional **4 million MT** of cereals, pulses, soybeans and groundnuts in 2015 alone. In

monetary terms, this represents about **US\$ 2.2 billion** in additional income for these farmers. Cumulatively, farmers have achieved a total increase in production of an estimated **22 million MT** by using improved seed varieties produced by AGRA-supported seed companies,

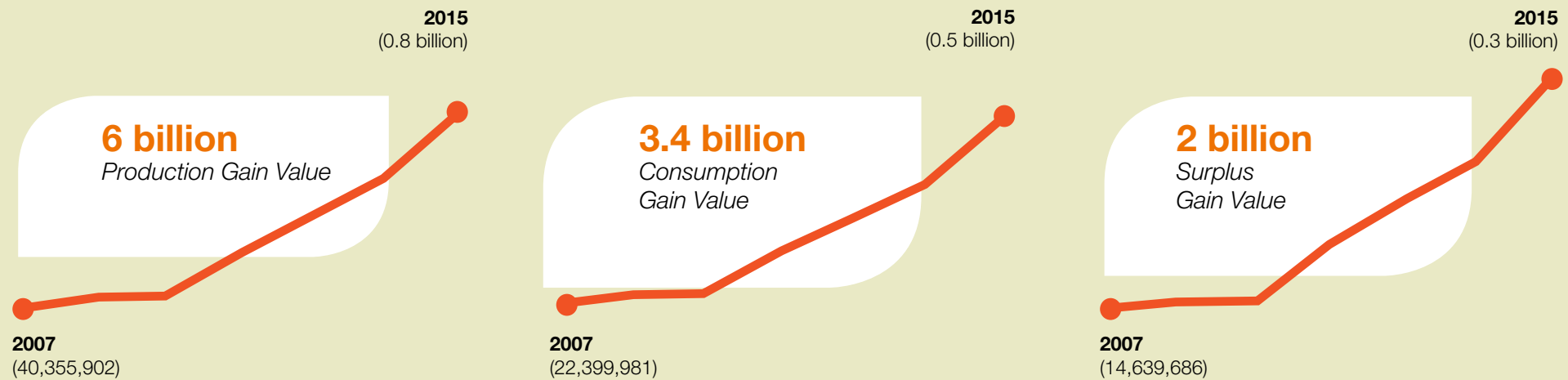
along with rising amounts of fertilizer. This extra production has provided smallholders with about **US\$ 5 billion** in additional income since AGRA began its work in 2007.



3 The increase in farm-level production and productivity has led to significant gains in direct household consumption, as well as marketable surpluses. In 2015, smallholder households produced about

3.4 million additional MT of cereals, pulses, soybeans and groundnuts for their own consumption, along with an estimated **1.5 million MT** surplus for the market. Cumulatively, household consumption increased by some **12.6**

million MT, while the marketable surplus increased by about **9.7 million MT**; these increases are valued at an estimated **US\$ 3.4 billion** and **US\$ 2 billion**, respectively.

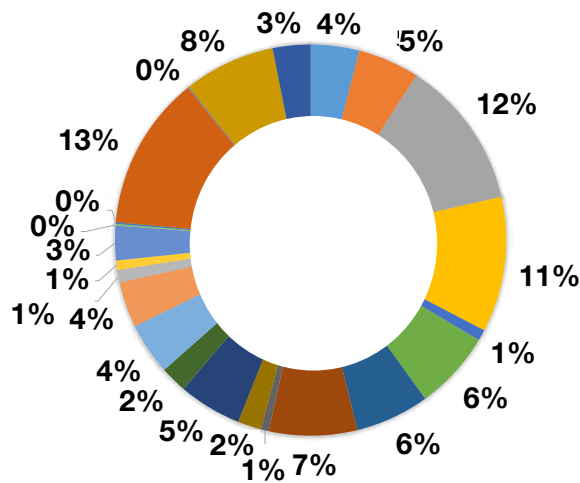




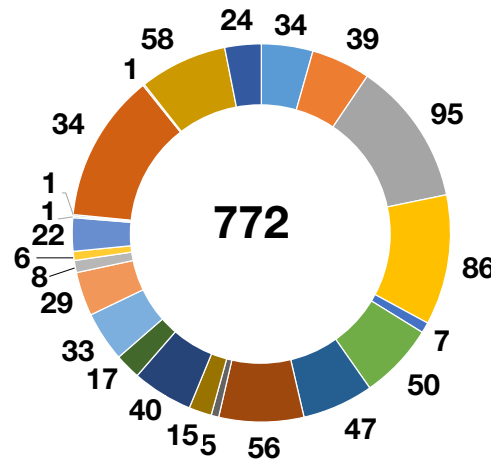
Grants Summary

Since its inception, AGRA has funded 772 projects at a cost of US\$ 414 million. The following graphs show the distribution by country.

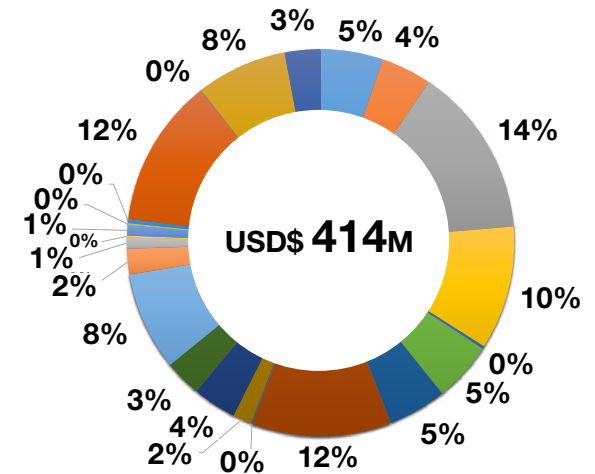
Grants per Country by Percentage



Total number of Grants per Country



Percentage Value of Grants per Country



- Burkina Faso
- Ethiopia
- Ghana
- Kenya
- Liberia
- Malawi
- Mali
- Mozambique

- Congo
- Niger
- Nigeria
- PAB
- Regional
- Rwanda
- Senegal
- Sierra Leone

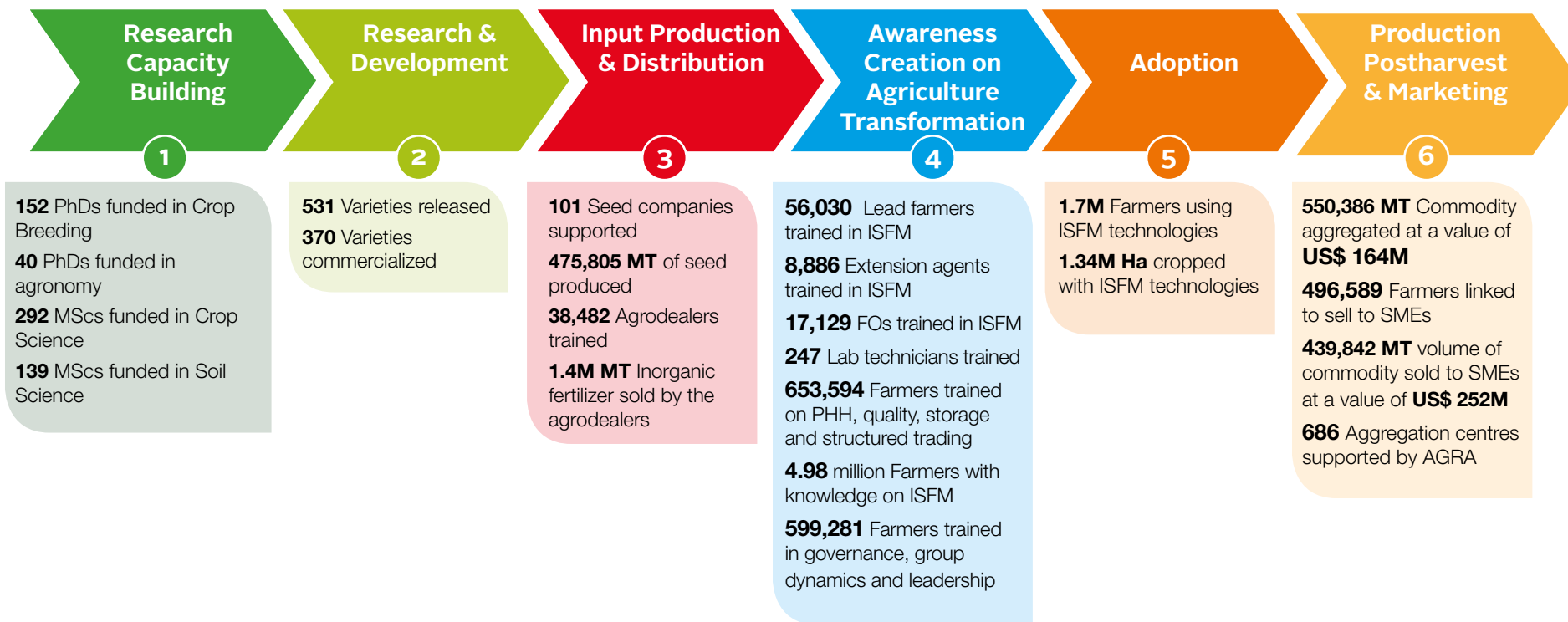
- South Sudan
- South Sudan and Congo
- Sub-Saharan Africa
- Tanzania
- West Africa
- Uganda
- Zambia



Achievements

Cummulative 2007-2015

Farmers using improved seeds: **18,245,564**



2015 Achievements

1 Research Capacity Building

- 33 MScs funded in Crop Science
- 5 MScs funded in Soil Science

2 Research & Development

- 33 Varieties released
- 40 Varieties commercialized

3 Input Production & Distribution

- 10 Seed companies supported
- 126,408 MT of seed produced
- 2,887 Agrodealers trained
- 59,859 MT inorganic fertilizer sold by the agrodealers

4 Awareness Creation on Agriculture Transformation

- 7,719 Lead farmers trained in ISFM
- 3,922 Extension agents trained on ISFM
- 721 FOs trained on ISFM
- 18 Lab technicians trained
- 131,410 Farmers trained on PHH, quality, storage and structured trading
- 249,773 Farmers with knowledge on ISFM
- 163,082 Farmers trained in governance, group dynamics and leadership

5 Adoption

- 107,713 Farmers using ISFM technologies
- 92,293 Ha cropped with ISFM technologies

6 Production Postharvest & Marketing

- 90,560 MT Commodity aggregated at a value of **US\$ 21.5M**
- 250,212 Farmers linked to sell to SMEs
- 144,419 MT Volume of commodity sold to SMEs at a value of **US \$84.3M**

*ISFM - Integrated Soil Fertility management

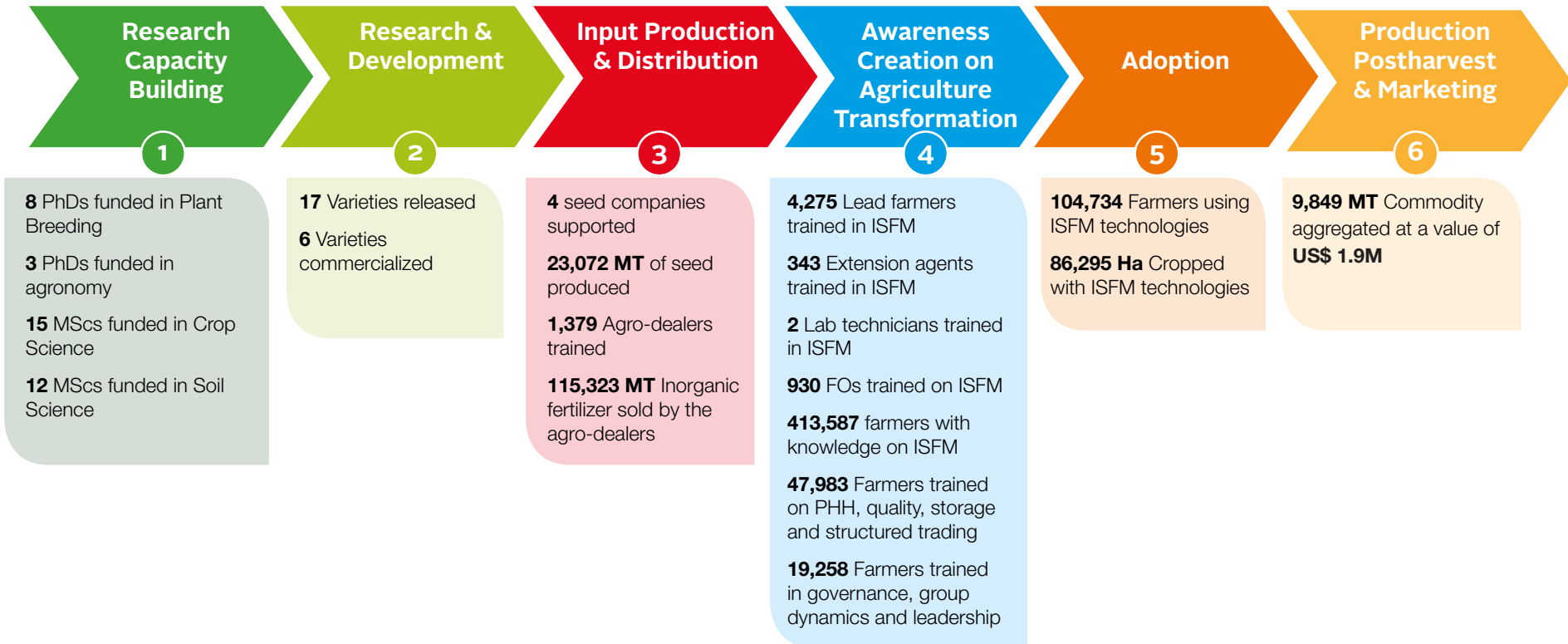


Burkina Faso

Grants: 34
Value of the Grants: US\$21.5 million

Farmers using improved seeds:
527,431

Cummulative 2007-2015



2015 Achievements

1 Research Capacity Building
8 MSc graduates in Crop Breeding
2 MSc students supported in Crop Science (1) and Soil Science (1)

2 Research & Development
2 Varieties released (sorghum)

3 Input Production & Distribution
6,335 MT Volume of seed produced
1,219 MT Inorganic fertilizer sold by AGRA supported agrodealers

4 Awareness Creation on Agriculture Transformation
805 Lead farmers trained in ISFM
10,067 Farmers trained on PHH, quality, storage and structured trading
1,075 Farmers with knowledge on ISFM
8,147 Farmers trained in governance, group dynamics and leadership

5 Adoption
739 Farmers using ISFM technologies
2,096 Ha cropped with ISFM technologies

6 Production Postharvest & Marketing
1,169 MT Commodity aggregated at a value of US\$ 0.34M

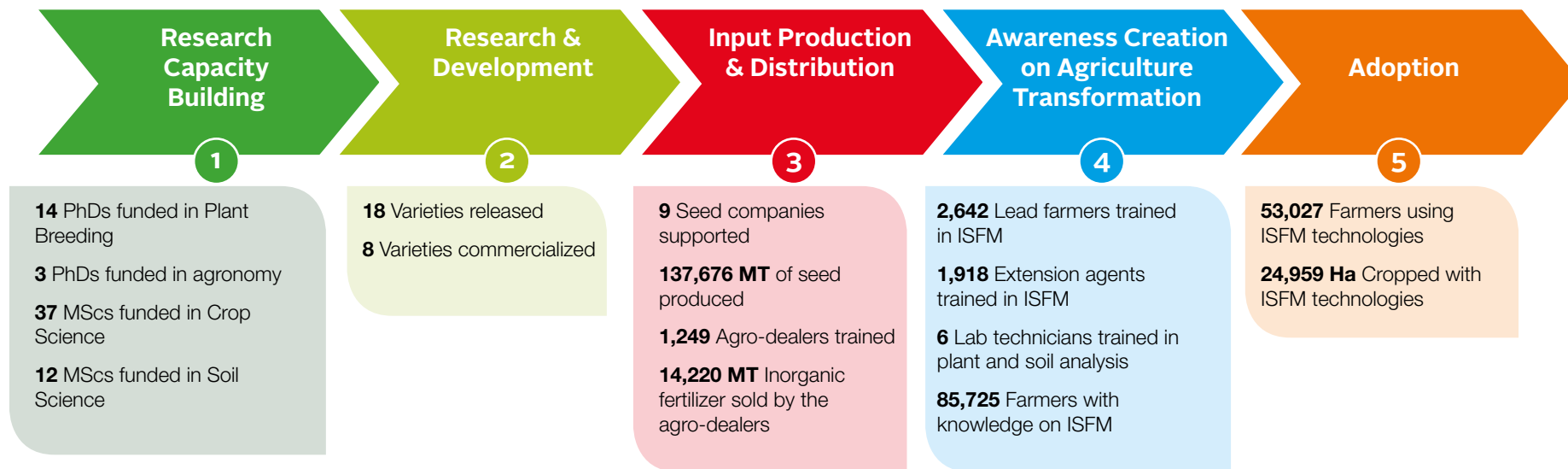


Ethiopia

Grants: 39
Value of the Grants: 17.5 million

Farmers using improved seeds:
3,469,767

Cummulative 2007-2015



2015 Achievements

1 Research Capacity Building
2 Phd graduates in Crop Breeding

2 Research & Development
5 varieties released

- Soybean (1)
- Faba bean (2)
- Sorghum (1)
- Maize (1)

3 Input Production & Distribution
48,187 MT Volume of seed produced
14,120 MT Inorganic fertilizer sold by AGRA supported agrodealers

4 Awareness Creation on Agriculture Transformation
1,253 Lead farmers trained in ISFM
1,754 Extension agents trained on ISFM
251 FOs trained on ISFM
33,925 Farmers with knowledge on ISFM

5 Adoption
19,637 Farmers using ISFM technologies
15,179 Ha cropped with ISFM technologies

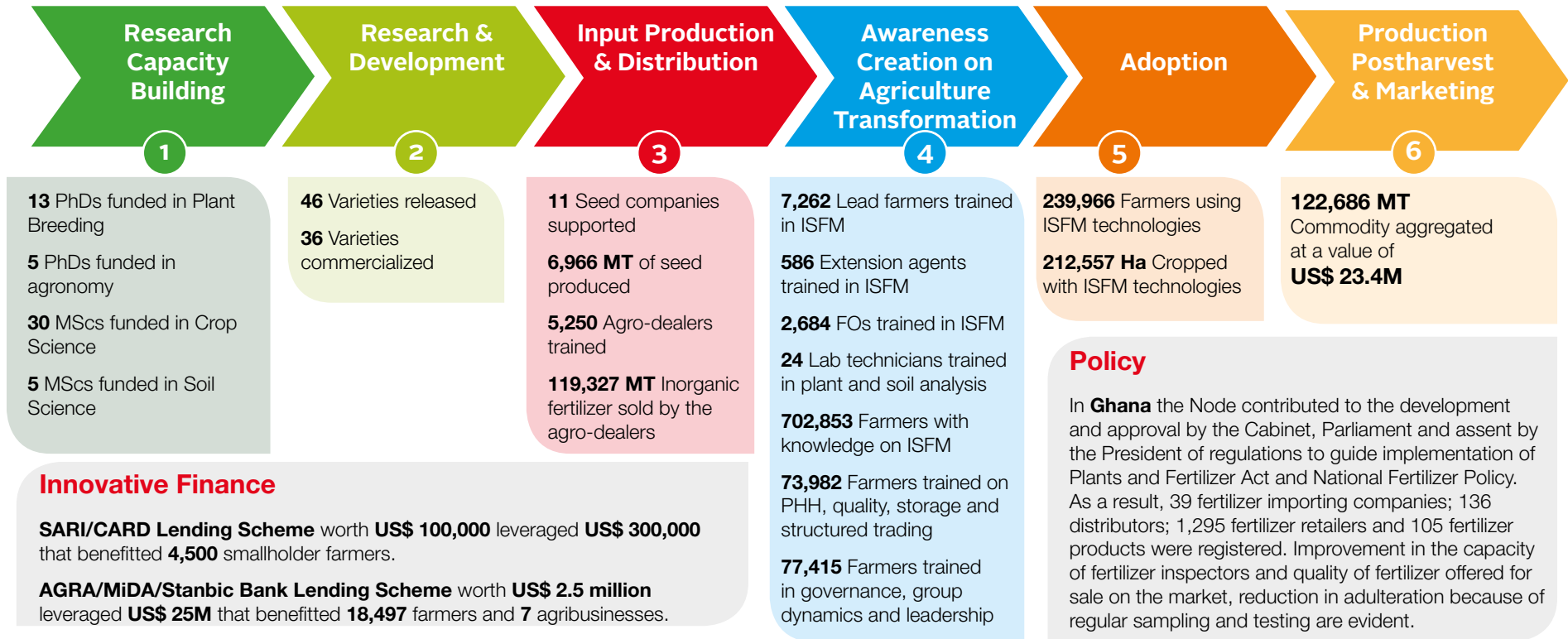


Ghana

Grants: 95
Value of the Grants: US\$58.9 million

Cummulative 2007-2015

Farmers using improved seeds: **238,270**



2015 Achievements

1 Research Capacity Building

- 2 Phd graduates on Crop Breeding
- 4 MSc students supported in Crop Science

2 Research & Development

- 4 Varieties released (maize)

3 Input Production & Distribution

- 984 MT Volume of seed produced
- 509 MT Inorganic fertilizer sold by AGRA supported agrodealers

4 Awareness Creation on Agriculture Transformation

- 3480 Lead farmers trained in ISFM
- 272 Extension agents trained on ISFM
- 27,113 Farmers trained on PHH, quality, storage and structured trading
- 27,040 Farmers with knowledge on ISFM
- 30,936 Farmers trained in governance, group dynamics and leadership

5 Adoption

- 12,856 Farmers using ISFM technologies
- 8,655 Ha Cropped with ISFM technologies

6 Production Postharvest & Marketing

- 17,771 MT Commodity aggregated at a value of **US\$ 5.1M**

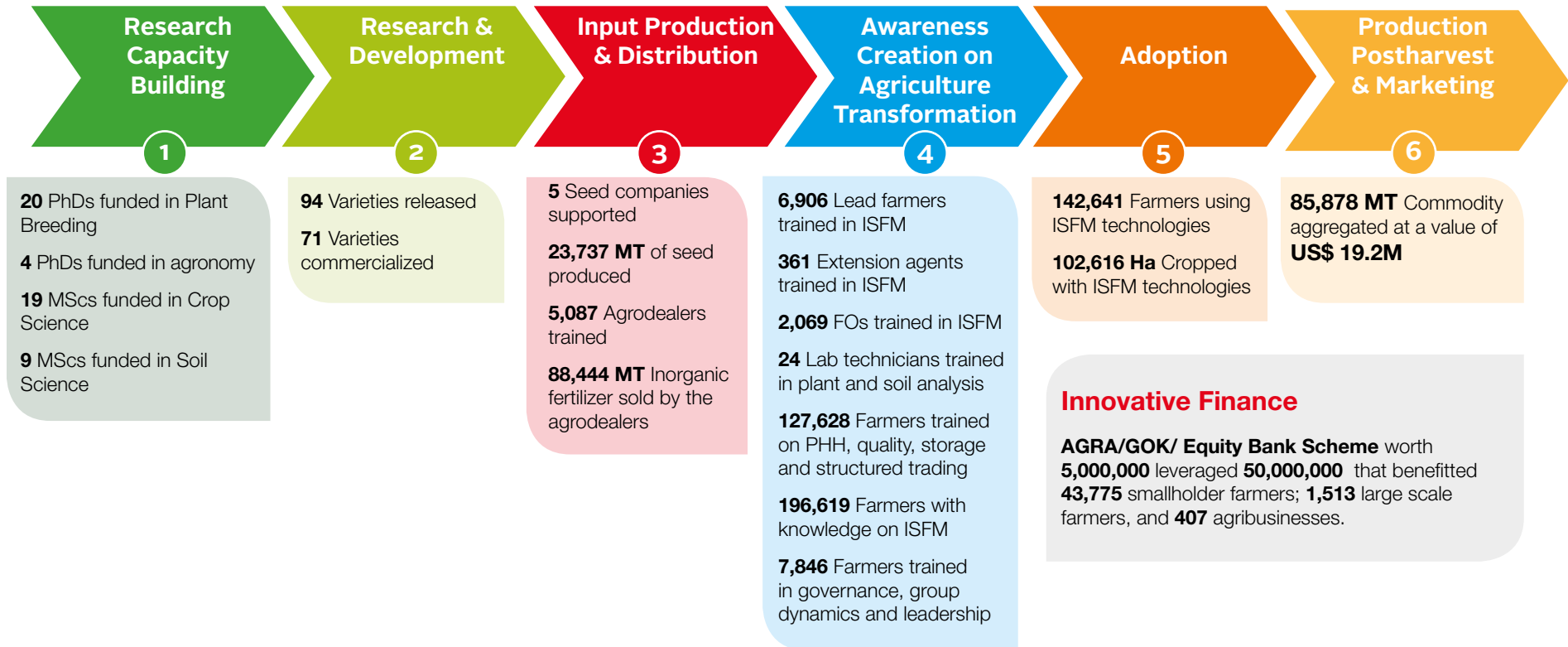


Kenya

Grants: 86
Value of the Grants: US\$ 42.84M

Cummulative 2007-2015

Farmers using improved seeds:
725,746



2015 Achievements

1 Research Capacity Building

2 PhD Graduates in Crop Breeding

2 Research & Development

4 Varieties released (1 maize; 3 cassava)

3 Varieties commercialized

3 Input Production & Distribution

1 Seed company supported by AGRA

2,672 MT Volume of seed produced

1,073 MT Inorganic fertilizer sold by

AGRA supported agrodealers

4 Awareness Creation on Agriculture Transformation

129 Lead farmers trained in ISFM

125 Extension agents trained in ISFM

174 FOs trained on ISFM

18 Lab technicians trained

11,640 Farmers trained on PHH, quality, storage and structured trading

2,999 Farmers with knowledge on ISFM

163,082 Farmers trained in governance, group dynamics and leadership

5 Adoption

26,790 Farmers using ISFM technologies

4,471 Ha Cropped with ISFM technologies

6 Production Postharvest & Marketing

46,239 MT commodity aggregated at a value of **US\$ 7.6M**



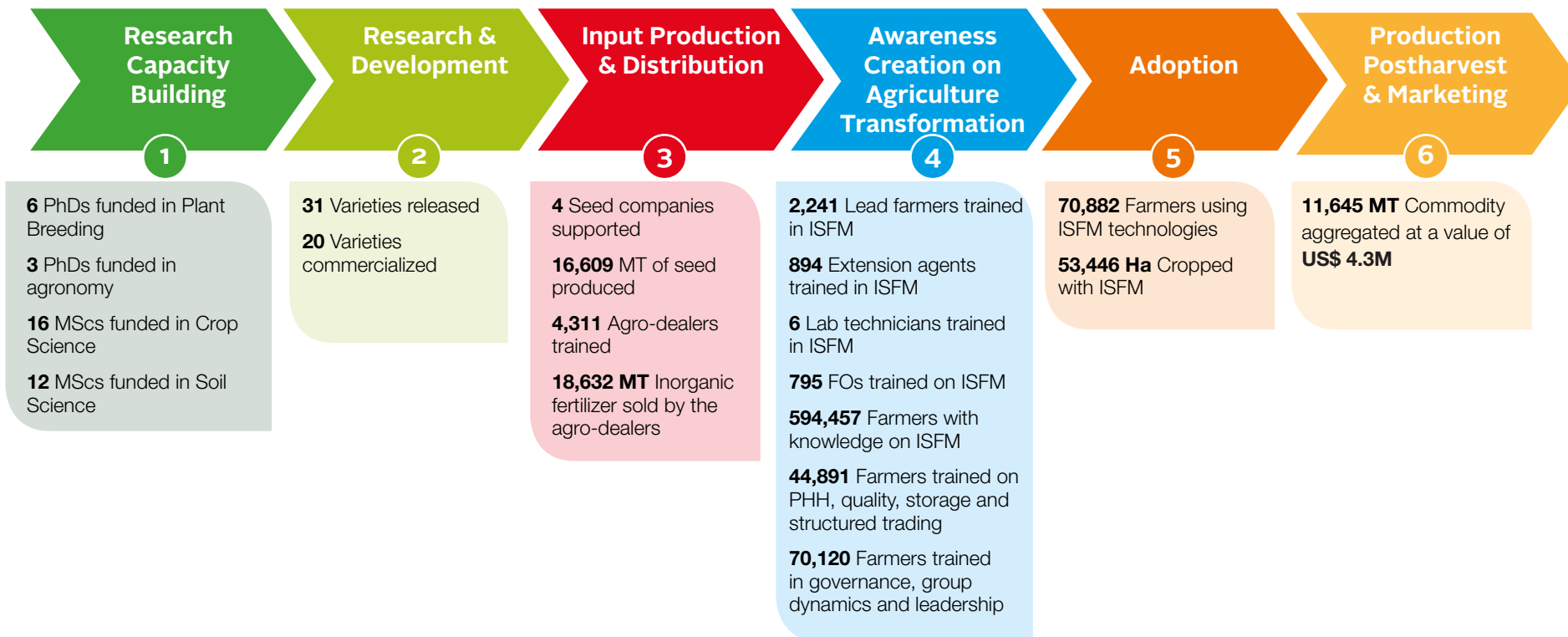
Malawi

Grants: 50
Value of the Grants: US\$20.6 million

Cummulative 2007-2015



Farmers using improved seeds:
1,453,652



2015 Achievements

- 1 Research Capacity Building**
- 1 PhD graduate in Crop Breeding
 - 1 MSc supported in Crop Science

- 2 Research & Development**
- 3 Varieties released (rice)
 - 6 Varieties commercialized

- 3 Input Production & Distribution**
- 3,403 MT Volume of seed produced
 - 191 MT Inorganic fertilizer sold by AGRA supported agrodealers

- 4 Awareness Creation on Agriculture Transformation**
- 55 Lead farmers trained
 - 250 Extension agents trained on ISFM
 - 5,900 Farmers trained on PHH, quality, storage and structured trading
 - 92,649 Farmers with knowledge on ISFM
 - 1,169 Farmers trained in governance, group dynamics and leadership

- 5 Adoption**
- 6,462 Farmers using ISFM technologies
 - 15,739 Ha Cropped with ISFM technologies

- 6 Production Postharvest & Marketing**
- 1,671 MT Commodity aggregated at a value of US\$ 0.6M



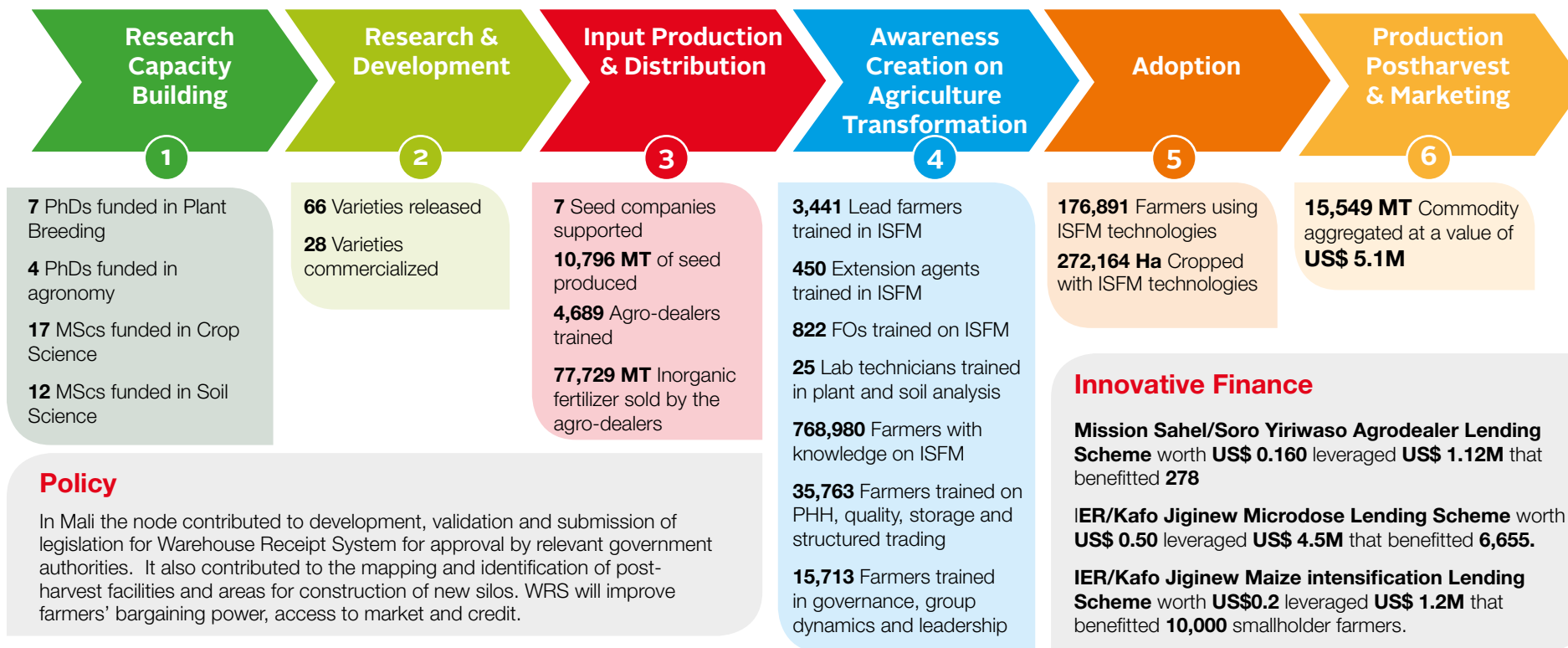
Mali

Grants: US\$ 42.84 million
Value of the Grants: US\$20.24m

Cummulative 2007-2015



Farmers using improved seeds:
645,756



2015 Achievements

- 1 Research Capacity Building**
3 MSc students supported in Crop Science
- 2 Research & Development**
8 Varieties commercialized

- 3 Input Production & Distribution**
3,123 MT Volume of seed produced
13,138 MT Inorganic fertilizer sold by AGRA supported agrodealers

- 4 Awareness Creation on Agriculture Transformation**
21 Lead farmers trained in ISFM
60 Extension agents trained on ISFM
157 FOs trained on ISFM
8,465 Farmers trained on PHH, quality, storage and structured trading
8,000 Farmers with knowledge on ISFM
10,249 Farmers trained in governance, group dynamics and leadership

- 5 Adoption**
5,000 Farmers using ISFM technologies
9,000 Ha Cropped with ISFM technologies
- 6 Production Postharvest & Marketing**
3,791 MT Commodity aggregated at a value of US\$ 1.7M

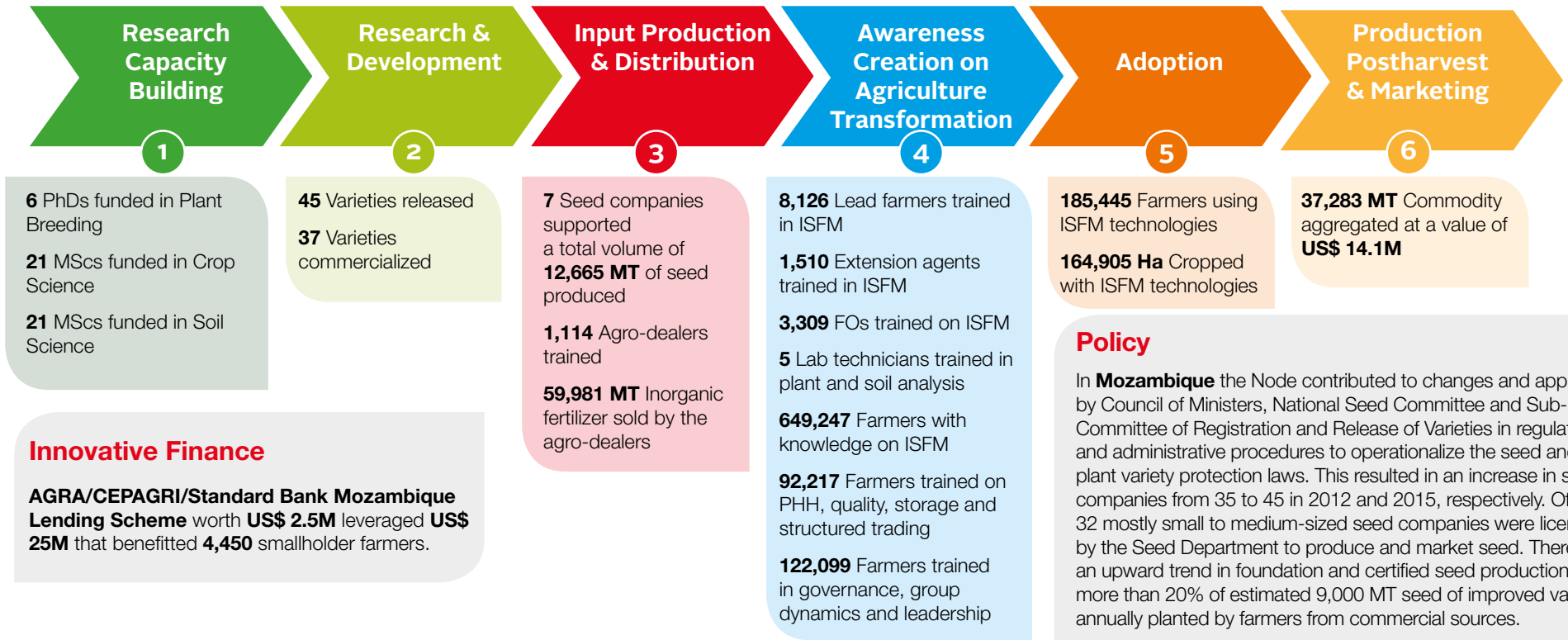


Mozambique

Grants: 98
Value of the Grants: US\$48.1m

Farmers using improved seeds:
1,029,413

Cummulative 2007-2015



2015 Achievements

1 Research Capacity Building

1 MSc Student supported in Crop Science

2 Research & Development

1 Variety released (rice)
1 Variety commercialized

3 Input Production & Distribution

854 MT Volume of seed produced
20,803 MT Inorganic fertilizer sold by AGRA supported agrodealers

4 Awareness Creation on Agriculture Transformation

370 Lead farmers trained
268 Extension agents trained on ISFM
34,093 Farmers trained on PHH, quality, storage, structured trading
6,001 Farmers with knowledge on ISFM
30,704 Farmers trained in governance, group dynamics and leadership

5 Adoption

4,000 Farmers using ISFM technologies
9,000 Ha Cropped with ISFM technologies

6 Production Postharvest & Marketing

5,285 MT Commodity aggregated at a value of **US\$ 2.0M**



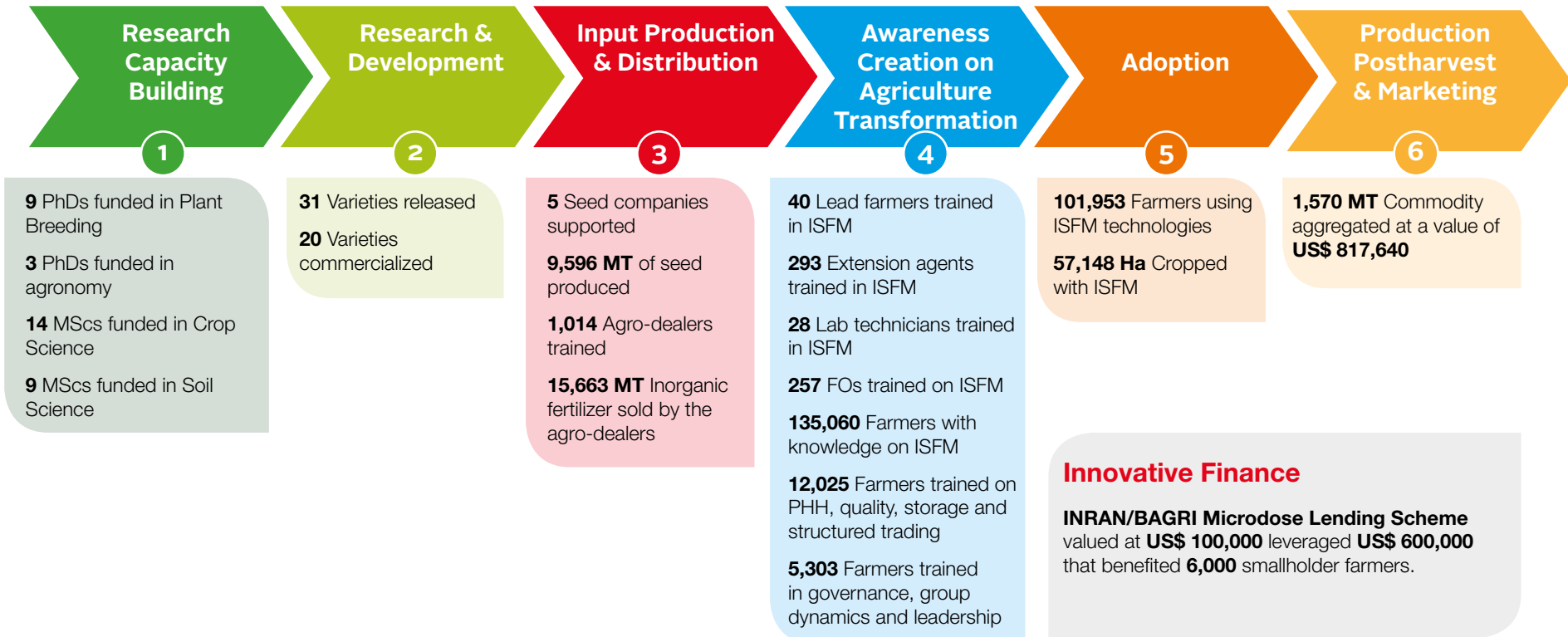
Niger

Grants: 15
Value of the Grants: US\$6.34 million



Farmers using improved seeds:
669,454

Cummulative 2007-2015



2015 Achievements

- 1 Research Capacity Building**
- 2 PhD graduates in Crop Breeding
 - 3 MSc students supported in Crop Science (2) and Soil Science (1)
 - 5 MSc graduates in Crop Science

- 3 Input Production & Distribution**
- 3,241 MT Volume of seed produced
 - 6,627 MT Inorganic fertilizer sold by AGRA supported agrodealers

- 4 Awareness Creation on Agriculture Transformation**
- 200 Extension agents trained on ISFM
 - 10,927 Farmers trained on PHH, quality, storage and structured trading
 - 10,000 Farmers with knowledge on ISFM
 - 291 Farmers trained in governance, group dynamics and leadership

- 5 Adoption**
- 1,000 Farmers using ISFM technologies
 - 1,107 Ha Cropped with ISFM technologies
- 6 Production Postharvest & Marketing**
- 1,171 MT Commodity aggregated at a value of US\$ 0.6M

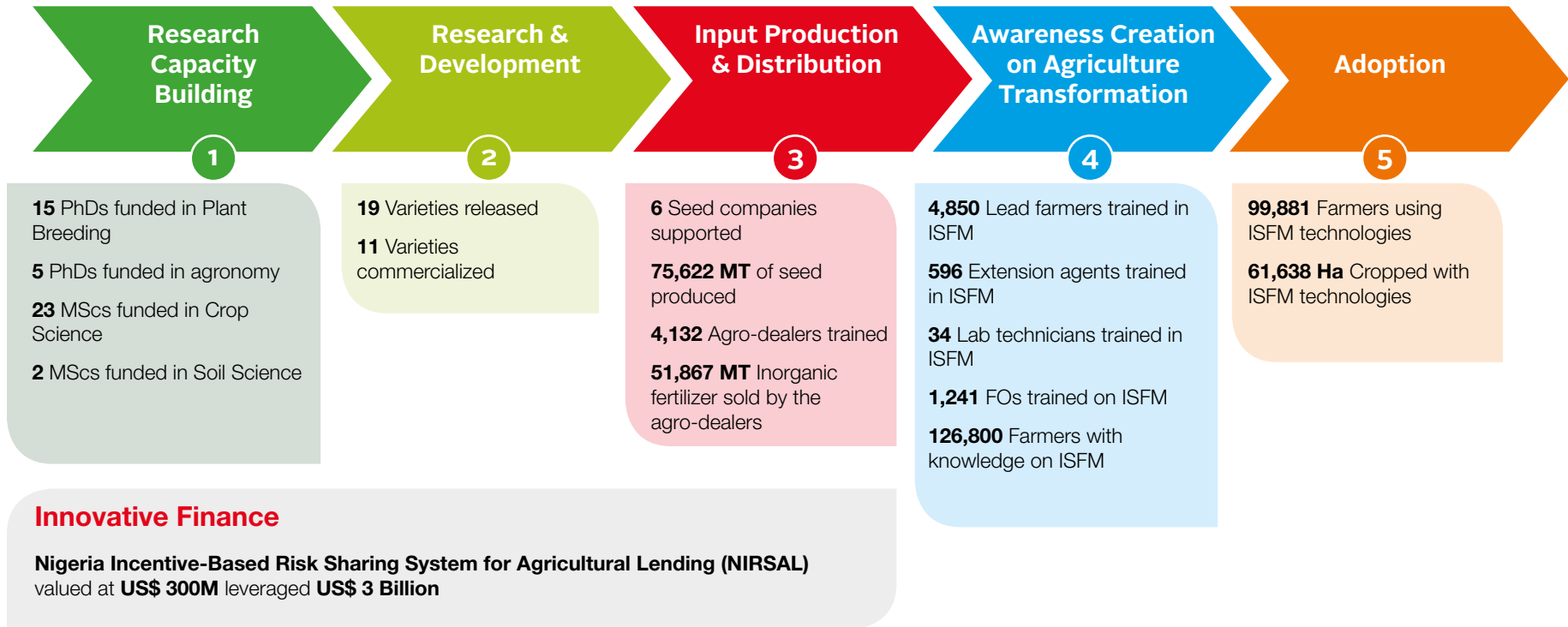


Nigeria

Grants: 40
Value of the Grants: US\$15.3 million

Farmers using improved seeds:
3,538,910

Cummulative 2007-2015



2015 Achievements

1 Research Capacity Building

- 1 PhDs graduate in Crop Breeding
- 2 MSc students supported in Crop Science

2 Research & Development

- 2 Varieties released (maize)
- 6 Varieties commercialized

3 Input Production & Distribution

- 10,188 MT Volume of seed produced
- 132 MT Inorganic fertilizer sold by AGRA supported agrodealers

4 Awareness Creation on Agriculture Transformation

- 50 Lead farmers trained
- 240 Extension agents trained on ISFM
- 14,500 Farmers with knowledge on ISFM

5 Adoption

- 7,000 Farmers using ISFM technologies
- 7,503 Ha Cropped with ISFM technologies

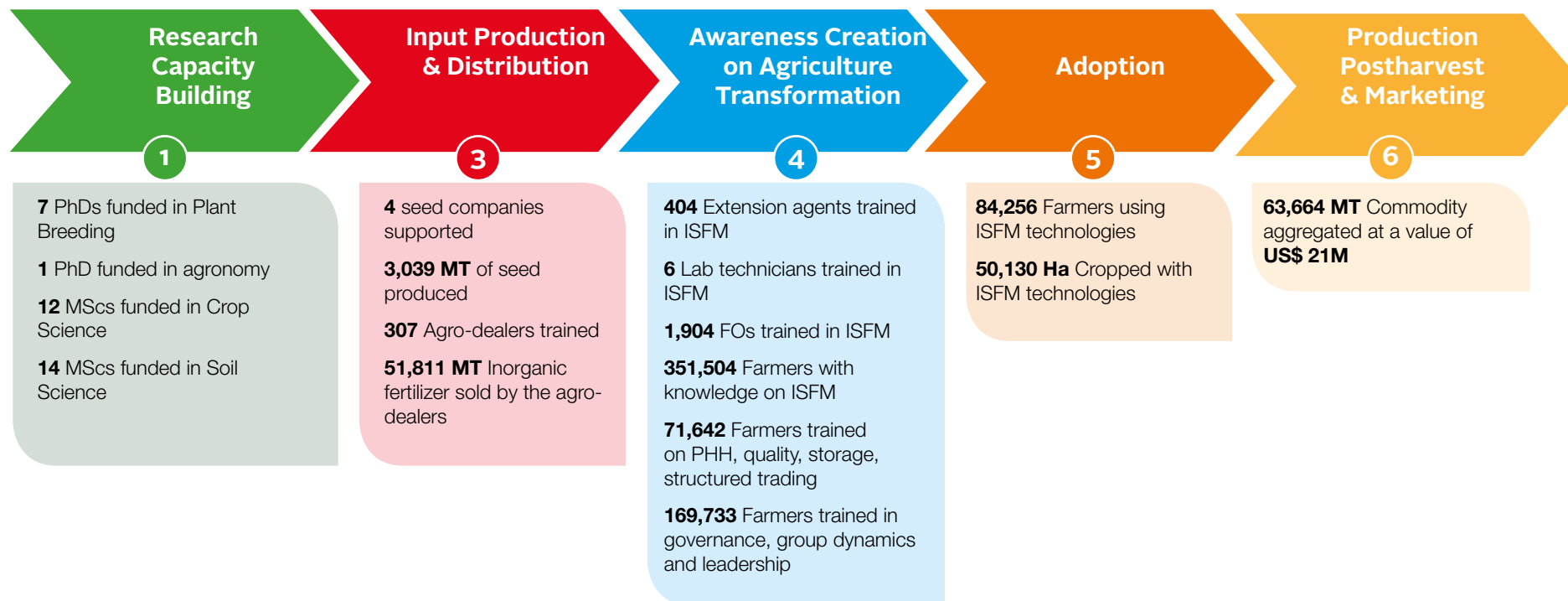


Rwanda

Grants: 29
Value of the Grants: US\$8.9 million

Farmers using improved seeds: **193,206**

Cummulative 2007-2015



2015 Achievements

- 1 Research Capacity Building**
- 1 PhD graduate in Crop Breeding
 - 1 MSc graduate in Crop Science

- 3 Input Production & Distribution**
- 166 MT Volume of seed produced
 - 28,231 MT inorganic fertilizer sold by AGRA supported agrodealers

- 4 Awareness Creation on Agriculture Transformation**
- 90 Lead farmers trained
 - 270 Extension agents trained on ISFM
 - 999 Farmers with knowledge on ISFM

- 5 Adoption**
- 3,060 Farmers using ISFM technologies
 - 1,000 Ha Cropped with ISFM technologies

- 6 Production Postharvest & Marketing**
- 4,704 MT Commodity aggregated at a value of US\$ 1.0M

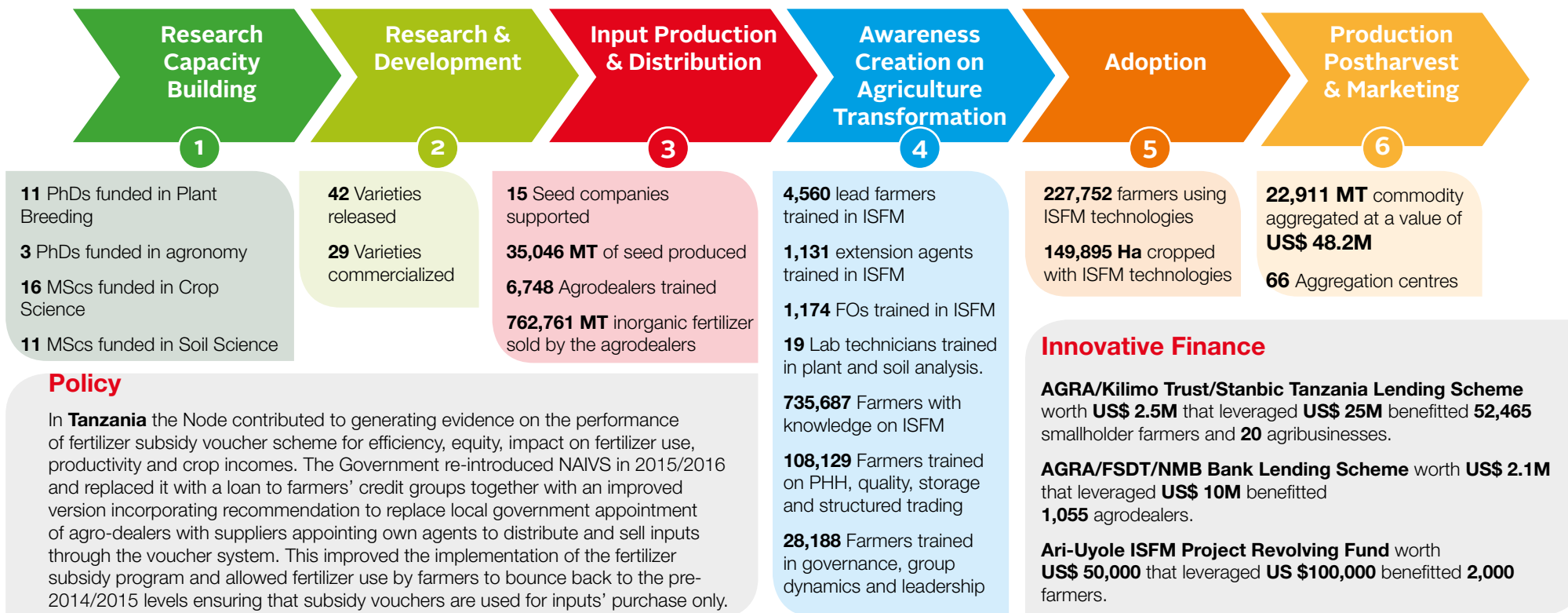


Tanzania

Grants: 98
Value of the Grants: US\$51.29m

Farmers using improved seeds: **1,392,904**

Cummulative 2007-2015



2015 Achievements

1 Research Capacity Building

- 1 PhD graduate in Crop Breeding
- 3 MSc students supported in Crop Science

2 Research & Development

- 4 Varieties released (3 cassava, 1 maize)
- 9 Varieties commercialized

3 Input Production & Distribution

- 3,351 MT Volume of seed produced
- 4,091 MT Inorganic fertilizer sold by AGRA supported agrodealers

4 Awareness Creation on Agriculture Transformation

- 1,416 Lead farmers trained in ISFM
- 343 Extension agents trained on ISFM
- 157 FOs trained on ISFM
- 19,677 Farmers trained on PHH, quality, storage and structured trading
- 22,448 Farmers with knowledge on ISFM
- 13,997 Farmers trained in governance, group dynamics and leadership

5 Adoption

- 17,169 Farmers using ISFM technologies
- 16,932 Ha Cropped with ISFM technologies

6 Production Postharvest & Marketing

- 7,838 MT Commodity aggregated at a value of **US\$ 2.1M**

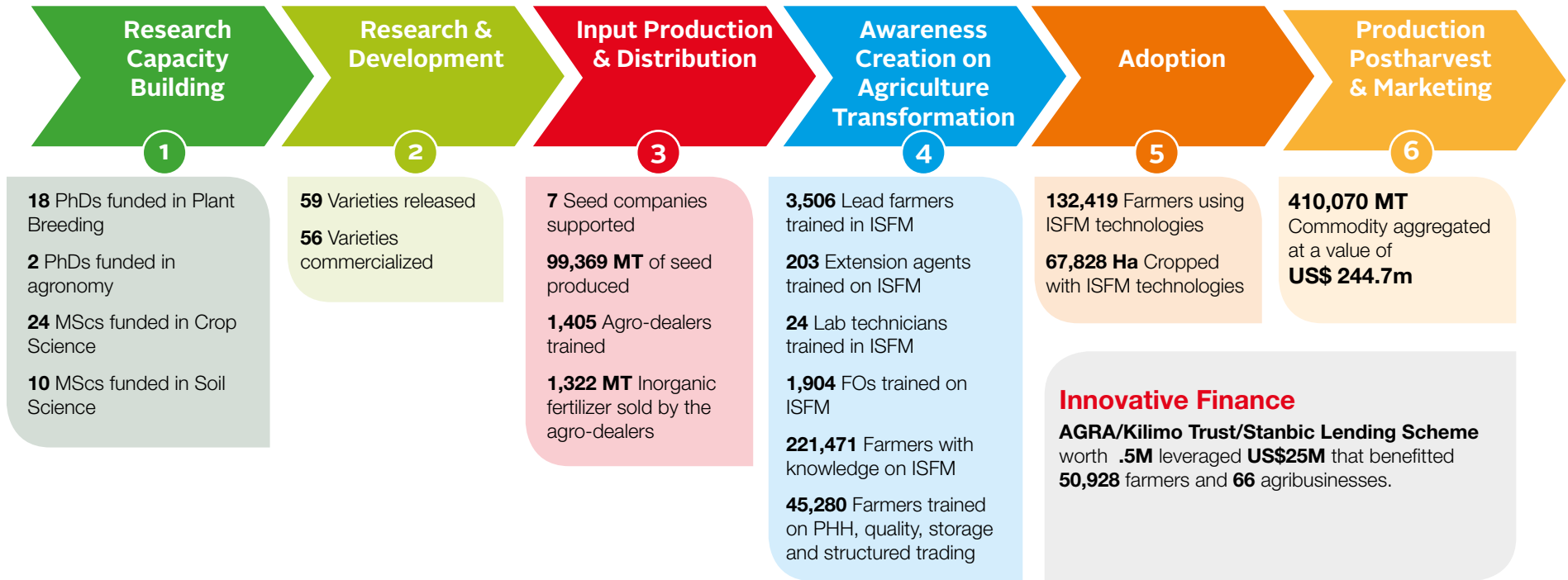


Uganda

Grants: 58
Value of the Grants: US\$31.4 million

Cummulative 2007-2015

Farmers using improved seeds:
3,168,391



2015 Achievements

2 Research & Development
2 Varieties commercialized

3 Input Production & Distribution
34,678 MT Volume of seed produced
885 MT Inorganic fertilizer sold by AGRA supported agrodealers

4 Awareness Creation on Agriculture Transformation
100 Extension agents trained on ISFM
10,139 Farmers with knowledge on ISFM

5 Adoption
1,500 Farmers using ISFM technologies
1,111 Ha Cropped with ISFM technologies

6 Production Postharvest & Marketing
123,283 MT Commodity aggregated at a value of US\$ 81.1M

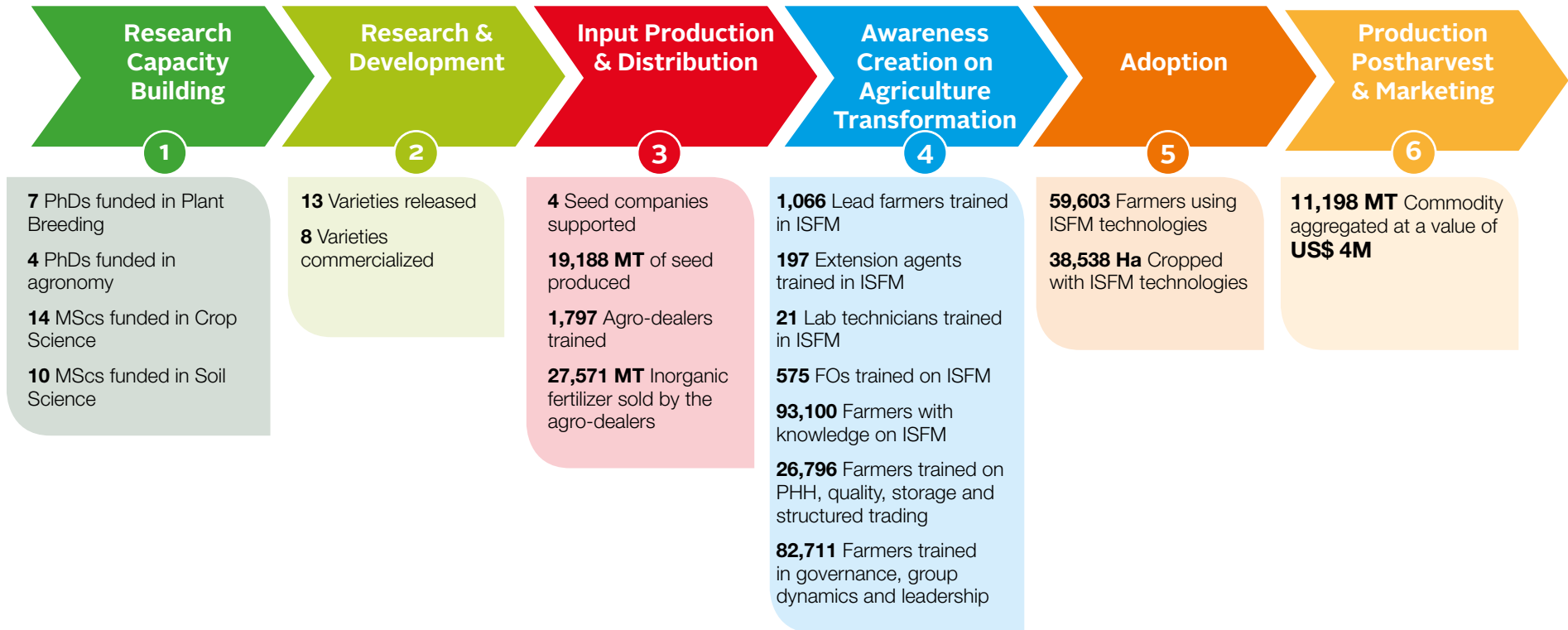


Zambia

Grants: 24
Value of the Grants: US\$12.4 million

Cummulative 2007-2015

Farmers using improved seeds:
749,157



2015 Achievements

- 1 Research Capacity Building**
2 MSc supported in Crop Science
- 2 Research & Development**
4 Varieties commercialized

- 3 Input Production & Distribution**
8,654 MT Volume of seed produced
68 MT Inorganic fertilizer sold by AGRA supported agrodealers

- 4 Awareness Creation on Agriculture Transformation**
50 Lead farmers trained
100 Extension agents trained on ISFM
3,528 Farmers trained on PHH, quality, storage and structured trading
20,000 Farmers with knowledge on ISFM
63,052 Farmers trained in governance, group dynamics and leadership

- 5 Adoption**
2,000 farmers using ISFM technologies
500 Ha cropped with ISFM technologies
- 6 Production Postharvest & Marketing**
921 MT Commodity aggregated at a value of US\$ 0.42m

Other Countries

1. Senegal

Grants: **8**
Value of the grants: **US\$ 3.8 million**

2. Liberia

Grants: **7**
Value of the grants: **US\$ 915,079**

Farmers using improved seeds: **107,107**

Cummulative 2007-2015

Research Capacity Building	Input Production & Distribution
9 MSc students enrolled in Crop Science 9 MSc graduates in Crop Science	3 Seed companies supported 994 MT of seed produced

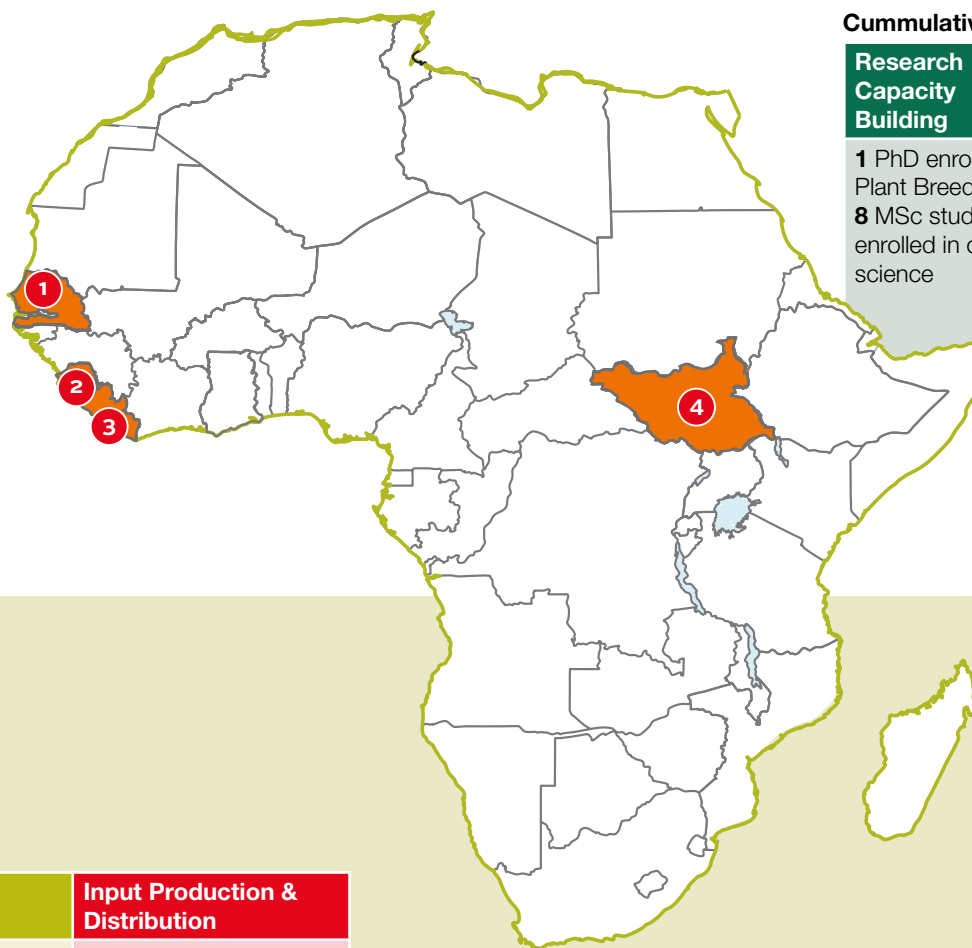
4. South Sudan

Grants: **22**
Value of the grants: **US\$ 3.6 million**

Farmers using improved seeds: **279,847**

Cummulative 2007-2015

Research Capacity Building	Research & Development	Input Production & Distribution
1 PhD enrolled in Plant Breeding 8 MSc students enrolled in crop science	19 Varieties released: Rice (4) Maize (9) Sorghum (3) Cassava (3) 5 Varieties disseminated	6 Seed companies supported 1,199 MT of seed produced



3. Sierra Leone

Grants: **6**
Value of the grants: **US\$ 636,039**

Farmers using improved seeds: **56,732**

Cummulative 2007-2015

Research Capacity Building	Research & Development	Input Production & Distribution
8 MSc students enrolled in Crop Science 8 MSc graduates in Crop Science	16 Varieties released: Cassava (8) Rice (8) 12 Varieties disseminated	3 Seed companies supported 230 MT of seed produced



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